Peter Lee

portfolio www.peterlee.tech

contact
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Skills

Languages
Java, Python, C/C++, Javascript, HTML, CSS, Latex

Frameworks
Meteor, MEAN stack, Bootstrap, jQuery, Sass, Materialize

Project Workflow
Gulp + Browsersync, NPM, Bower, Github, Heroku

Operating Systems
Linux, Windows

Design
Adobe Photoshop, Adobe Illustrator

Education

UC Berkeley Class of 2019
B.A. Computer Science and Applied Mathematics
GPA: 4.0

Relevant Coursework
CS61A – Structure and Interpretation of Computer Programs (A+)
CS61B – Data Structures and Algorithms (A+, Ranked 3rd out of 1360)
CS70 – Discrete Math and Probability Theory
Math 54 – Linear Algebra and Differential Equations
Ind End 192 – Technology and Entrepreneurship

Awards
Dean's List – Awarded to the Top 4% of L&S Students
Hackerrank World Cup Competition – Semifinalist
Hack Into It Hackathon – Overall 3rd Place

Projects

Interactive Competitive Programming Notebook, www.peterlee.tech/algorithms December 2015 – Present
Materialize, Sass, jQuery, C++, Java
- Created an online interactive collection of famous algorithms in computer science as a reference for competitive programming contests

Durd Chat, durd.herokuapp.com July 2015
Node.js, Express.js, Socket.io, jQuery
- Created a real-time chatting web application that uses machine learning to match users with similar statistics given by previous partners
- Implemented a server that facilitates real-time bidirectional event-based communication between clients with Socket.io

Frontend Boilerplate, www.peterlee.tech/FrontendBoilerplate June 2016
Bootstrap, jQuery, Sass, Gulp + Browsersync
- Created a starter project for a highly customizable, modern frontend web project
- Compiled advanced frontend features including parallax, scroll animations, CSS preprocessing, and Sass mixin libraries

Redesign of Computer Science Mentors, www.peterlee.tech/CSMentors August 2016
Materialize, Sass, jQuery
- Designed a modern website for Computer Science Mentors at UC Berkeley that is based on Google's material design principles
- Received over 1,000 views from undergraduate students and mentors at CSM

United Nations Refugee Agency at Cal, unrac.berkeley.edu September 2015
Angular.js, Sass, Gulp + Browsersync
- Created the website for a nonprofit organization that is dedicated to raising awareness for the Syrian Refugee Crisis
- Designed online recruitment process for potential members

Alary Language, www.alarylanguage.club July 2016
Materialize, Sass, jQuery
- Created the website for an organization that connects language learning students and fosters a personal learning experience
- Managed the application structure and lesson plans for languages

Experience

Hack In, www.hackin.io June 2016 – July 2016
Co-founder and Chief Technology Officer
- Built a recruiting platform for tech companies to assess software development applicants through an integrated technical assessment
- Created an online platform using Meteor.js and MongoDB with 5,000 lines of code in 3 weeks for the beta release

CS61B – Data Structures and Algorithms August 2016 – Present
Lab Assistant
- Instructed students during lab and office hours on fundamental data structures and basic practices in software development

Activities

Virtual Reality at Berkeley September 2016 – Present
Researcher
- Developed an open source augmented reality toolkit that enables human-computer interaction in 3D space on augmented reality platforms
- Integrated depth sensors, RBG cameras, and transparent display glasses on a wearable device that collects and displays physical data

Innovative Design September 2016 – Present
Gold Tier Member
- Facilitate workshops on graphic and web design that offer education and experience to intermediate designers
- Provide graphic design and web development services to on-campus organizations

Computer Science Mentors August 2016 – Present
Mentor
- Taught a group of computer science students fundamental concepts of data structures, software development, and algorithms
- Created lesson plans and review sheets to improve general problem solving skills and prepare students for exams

University Symphony Orchestra August 2015 – May 2016
Cellist
- Performed at sectionals, concerts, and rehearsals to practice classical symphonies by Tchaikovsky, Dvorak, and Mendelssohn as well as modern compositions by guest composers